

WESTINGHOUSE ELECTRIC (SHARON PLANT)
ADMINISTRATIVE RECORD FILE *
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. Letter to Mr. Ed Cohen, U.S. EPA, from Mr. Edward Winslow, E.A. Winslow & Associates, Inc., re: Notification that the city of Sharon has decided to abandon part of the original access roadway where the ground may be contaminated to avoid future environmental problems and they will be using an alternate route along North Railroad Street and Pitt Street instead, 10/26/83. P. 100001-100001.
2. Memorandum to NPDES File from Mr. Patrick Williams, Pennsylvania Department of Environmental Resources (PADER), re: Record of a January 9, 1984, meeting to discuss the Comprehensive Environment Review Program Report, 1/20/84. P. 100002-100003.
3. Letter to Mr. Roger Willis, Westinghouse Electric Corporation (Westinghouse), from Mr. Dwight Ralph, PADER, re: Transmittal of comments and questions regarding the O'Brien and Gere report to be addressed at a February 23, 1984, meeting, 2/15/84. P. 100004-100007.
4. Letter to Mr. R. A. Hair, Westinghouse, from Mr. Larry Miller, U.S. EPA, re: Comments on a March 23, 1984, presentation and a November 1983 Comprehensive Environmental Review Program Report regarding remedial plans for the Westinghouse Site, 5/8/84. P. 100008-100014. A May 17, 1984, memorandum to Mr. Edward Cohen, U.S. EPA, from Mr. Larry Miller, U.S. EPA, documenting a May 5, 1984, discussion with Ron Hair of Westinghouse; a May 30, 1984, letter to Mr. R. A. Hair, Westinghouse, from Mr. Larry Miller, U.S. EPA, clarifying a May 8, 1984, discussion regarding agency lead responsibilities and deficiencies in the consultant's report; and an undated map entitled, "Moat Soil Sampling Location Plan," are attached.

* Administrative Record File available 6/11/99 updated 3/3/00.

5. U.S. EPA Potential Hazardous Waste Site Identification and Preliminary Assessment, Westinghouse Electric Corporation, 6/28/84. P. 100015-100047.
6. Letter to Mr. Larry Miller, U.S. EPA, from Mr. R.A. Hair, Westinghouse, re: Outline of issues to be discussed at a September 24, 1984, meeting with U.S. EPA, PADER, and Westinghouse representatives, 9/19/84. P. 100048-100059. An attachment entitled, "Sharon PED Plant, Analytical Support Data, Moat and Spill Remediation Plans," is attached.
7. Letter to Mr. Peter Yeager, Bureau of Water Quality Management, from Mr. R.A. Hair, Westinghouse, re: Notification of a discharge incident at the Westinghouse Site, 2/13/85. P. 100060-100061.
8. Memorandum to Mr. James Seif, U.S. EPA, from Mr. Stephen Wassersug, U.S. EPA, re: Update on the status of the Westinghouse Site, 3/10/85. P. 100062-100063.
9. Letter to Mr. Richard Watman, U.S. EPA, from Mr. James Rozakis, PADER, re: Transmittal of comments on the Draft Site Investigation Report, 3/27/85. P. 100064-100067. An August 1984 Discharge Monitoring Report and an October 1984 Discharge Monitoring Report, are attached.
10. Report: Non-Sampling Site Inspection Using Available Data, Westinghouse Electric Corporation, prepared by NUS Corporation, 4/18/85. P. 100068-100163.
11. Letter to Mr. Butch Byer, U.S. EPA, from Mr. Joseph Valley, Cyclops Corporation, re: Transmittal of results from an environmental study done on a portion of the Westinghouse property in regards to PCB hazards, 12/30/85. P. 100164-10215. The following are attached:

a) "Section I-PCB Testing on Westinghouse

Site;"

- b) a "Sampling Summary" for September, October, and November 1985;
- c) pictures of typical areas and procedures used in soil sample preparation;
- d) an example of a chain of custody record;
- e) an example of a sample log sheet;
- f) "Section II-Groundwater Testing on Sawhill (Cyclops) Sharon, PA, Property;"
- g) "Appendix A: Boring Logs;"
- h) an August 16, 1984, figure entitled, "Typical Monitoring Well Construction;"
- i) an undated table entitled, "Table 1: Monitoring-Well Summary;"
- j) an undated table entitled, "Table 2: Groundwater Chemistry and Water-Level Data;"
- k) an undated table entitled, "Table 3: Groundwater Levels-August 6, 1984;"
- l) an August 16, 1984, figure entitled, "Figure 1: Geologic Section A-A;"
- m) a May 11, 1984, "Lab Analysis Report" for Monitoring Well 1A;
- n) a May 30, 1984, "Lab Analysis Report" for Monitoring Well MW1A;
- o) a May 11, 1984, "Lab Analysis Report" for Monitoring Well 2;
- p) a May 30, 1984, "Lab Analysis Report" for Monitoring Well MW2;

- q) a May 11, 1984, "Lab Analysis Report" for Monitoring Well 4;
- r) a May 30, 1984, "Lab Analysis Report" for Monitoring Well MW4;
- s) a May 11, 1984, "Lab Analysis Report" for Monitoring Well 12;
- t) a May 30, 1984, "Lab Analysis Report" for Monitoring Well 12A;
- u) a May 11, 1984, "Lab Analysis Report" for Monitoring Well MW13;
- v) a May 30, 1984, "Lab Analysis Report" for Monitoring Well 13;
- w) a December 6, 1985, "Proposed Agenda for Meeting at EPA Region III, Philadelphia, Pennsylvania;"
- x) a December 6, 1985, meeting attendance list;
- y) a "Sampling Summary" for September, October, and November 1985.

12. Letter to Mr. Butch Byer, U.S. EPA, from Mr. R. S. Hair, Westinghouse, re: Transmittal of test results from PCB sampling at the north section of Sharon transformer plant, 1/3/86. P. 100216-100264. The following are attached:

- a) "Exhibit No. 1, PCD Sampling and Testing by Westinghouse: Surface Wipe Samples;"
- b) "Exhibit No. 2, PCB Sampling and Testing by IT Corporation: Floor Paint Samples, Concrete Floor Samples, and Surficial Soil Samples;"
- c) "Exhibit No. 3, PCB Sampling and Testing by O'Brien and Gere: Concrete Floor Samples;"

- d) "Exhibit No. 4, PCB Sampling and Testing by O.H. Materials Company: Concrete Floor Samples;"
- e) "Exhibit No. 5, PCB Sampling and Testing Summary: Surface Wipe Samples;"
- f) "Exhibit No. 6, PCB Sampling and Testing Summaries: Floor Paint Samples and Concrete Floor Samples;"
- g) "Exhibit No. 7, PCB Sampling and Testing by Westinghouse Hittman Nuclear: Building Air Samples;"
- h) "Exhibit No. 8, PCB Sampling and Testing by Westinghouse Hittman Nuclear: Surface Wipe Samples;"
- i) "Exhibit No. 9, PCB Sampling and Testing by O'Brien and Gere: Storm Sewer Samples."

**13. Report: Comprehensive Subsurface Study, Sharon Transformer Plant, Westinghouse Electric Corporation, Sharon, Pennsylvania, Volume I, prepared by Paul C. Rizzo Associates, Inc., 8/26/86.

**14. Report: Comprehensive Subsurface Study, Sharon Transformer Plant, Westinghouse Electric Corporation, Sharon Pennsylvania, Volume II, prepared by Paul C. Rizzo Associates, Inc., 8/26/86.

** This document is located in the Westinghouse Sharon Removal Administrative Record File dated March 24, 1994, and is hereby incorporated by reference into this Remedial Administrative Record File Index of Documents.

15. Report: Environmental Conditions, Remedial Activities, and Risk Assessment at the Former Sharon Transformer Plant, prepared by the Center for Hazardous Materials Research, 4/87. P. 100265-100454.
16. Letter to Mr. Roger Willis, Westinghouse, from Ms. Zelda Curtiss, PADER, re: Transmittal of the Consent Order and Agreement, 9/26/88. P. 100455-100501. The Consent Order and Agreement is attached.
17. Letter to Mr. Paul Jack, Westinghouse, from Mr. Mark Gorman, U.S. EPA, re: Transmittal of data to be used in developing the Remedial Investigation/Feasibility Study (RI/FS) Report, 10/18/88. P. 100502-100536. The following are attached:
 - a) an undated list entitled, "Sample Results - 1988 (Phase II Stations);"
 - b) a July 28, 1988, data collection sheet #0622190 entitled, "Tissue Sampling - Commonwealth of Pennsylvania,"
 - c) a July 28, 1988, data collection sheet #0622191 entitled, "Tissue Sampling - Commonwealth of Pennsylvania;"
 - d) a July 29, 1988, date collection sheet #0622192 entitled, "Tissue Sampling - Commonwealth of Pennsylvania;"
 - e) an August 1, 1988, data collection sheet #0622193 entitled, "Tissue Sampling - Commonwealth of Pennsylvania;"

- f) an August 1, 1988, data collection sheet #0622194 entitled, "Tissue Sampling - Commonwealth of Pennsylvania;"
- g) an August 2, 1988, data collection sheet #0622195 entitled, "Tissue Sampling - Commonwealth of Pennsylvania;"
- h) an August 2, 1988, data collection sheet #0622196 entitled, "Tissue Sampling - Commonwealth of Pennsylvania;"
- i) an August 2, 1988, data collection sheet #0622197 entitled, "Tissue Sampling - Commonwealth of Pennsylvania;"
- j) an August 3, 1988, data collection sheet #0622198 entitled, "Tissue Sampling - Commonwealth of Pennsylvania;"
- k) an August 4, 1988, data collection sheet #0622199 entitled, "Tissue Sampling - Commonwealth of Pennsylvania;"
- l) an August 4, 1988, data collection sheet #0622200 entitled, "Tissue Sampling - Commonwealth of Pennsylvania;"
- m) an August 5, 1988, PADER "Special Analysis Report;"
- n) an undated PADER "Special Analysis Report;"
- o) an August 5, 1988, PADER "Special Analysis Report;"
- p) an August 15, 1988, PADER "Special Analysis Report;"
- q) an August 15, 1988, PADER "Special Analysis Report;"
- r) a July 29, 1988, PADER "Special Analysis Report;"
- s) a July 29, 1988, PADER "Special Analysis

Report;"

- t) an August 5, 1988, PADER "Special Analysis Report;"
- u) an August 5, 1988, PADER "Special Analysis Report;"
- v) an August 5, 1988, PADER "Special Analysis Report;"
- w) an August 5, 1988, PADER "Special Analysis Report;"
- x) an August 5, 1988, PADER "Special Analysis Report;"
- y) an August 5, 1988, PADER "Special Analysis Report;"
- z) an undated PADER "Special Analysis Report."

18. Report: Draft Preliminary Determination of the Degree of Human Health Hazard Associated with the Sharon Westinghouse Site and Evaluation of the Need to Perform Immediate Remediation Measures, prepared by ICF-Clement, 1/6/89. P. 100537-100564.

II. REMEDIAL ENFORCEMENT PLANNING

1. Letter to Mr. Roger Wills, Jr., Westinghouse, from Mr. Abraham Ferdas, U.S. EPA, re: Request for Westinghouse to perform an expedited response action at a portion of the Westinghouse Sharon Superfund Site, and notification that a Funding Request for a Removal Action at the site was signed on December 31, 1992, 6/30/93. P. 200001-200050. An undated, unsigned, Administrative Order by Consent for Removal Action, In The Matter Of: Westinghouse Sharon Site, Sharon, Pennsylvania; Docket No. III-93-30-DC, is attached.
2. Letter to Mr. Roger Wills, Jr., Westinghouse, from Mr. Abraham Ferdas, U.S. EPA, re: Transmittal of the revised, draft Administrative Consent Order by Consent, which incorporates Westinghouse comments,

12/2/93. P. 200051-200052.

3. Letter to Mr. Abraham Ferdas, U.S. EPA, from Mr. Roger Wills, Jr., Westinghouse, re: Notification that Westinghouse cannot agree to the terms set forth in the order, 12/31/93. P. 200053-200054.
4. Administrative Order for Removal Response Action, In The Matter Of: Westinghouse Sharon Site, Sharon, Pennsylvania; Docket No. III-94-011-DC, 2/4/94. P. 200055-200079.
5. Letter to Mr. Dave Turner, U.S. EPA, from Mr. Roger Willis, Westinghouse, re: Transmittal of comments regarding the Unilateral Administrative Order (UAO), 2/16/94. P. 200080-200089. A table entitled, "Westinghouse Sharon Site Chronology through February 4, 1994," is attached.
6. Letter to Mr. Roger Willis, Westinghouse, from Mr. Abraham Ferdas, U.S. EPA, re: General Notice of Potential Liability, (undated). P. 200090-200096.

III. REMEDIAL RESPONSE PLANNING

1. Report: Focused Feasibility Study for OU2, Westinghouse Electric Corporation, Sharon Transformer Plant, Sharon, Pennsylvania, prepared by Geraghty & Miller, Inc., 6/17/92. P. 300001-300163.
2. Report: Appendix A of the Focused Feasibility Study for OU2, Westinghouse Electric Corporation, Sharon Transformer Plant, Sharon, Pennsylvania, prepared by Geraghty & Miller, Inc., 8/31/92. P. 300164-300559.
3. Report: Interim Preliminary Health Assessment for Westinghouse Electric, (Sharon Plant), prepared by Agency for Toxic Substances and Disease Registry

(ATSDR), 9/25/92. P. 300560-300582. An October 14, 1992, transmittal letter to Mr. Dave Turner, U.S. EPA, from ATSDR Regional Representative, is attached.

4. Letter to Mr. Jim Weaver, PADER, from Mr. David Turner, U.S. EPA, re: Transmittal of a modification to a December 18, 1992, letter regarding Applicable and Relevant or Appropriate Requirements (ARARs), 12/21/92. P. 300583-300595. The December 18, 1992, revised letter is attached.
5. Report: Response Action Plan, Sharon Transformer Plant, Sharon, Pennsylvania, prepared by Cummings Riter Consultants, Inc., 3/21/94. P. 300596-300618. A March 21, 1993, transmittal letter to Mr. David Turner, U.S. EPA, from Mr. Gordon Taylor, Westinghouse, is attached.
6. Report: Trip Report, Westinghouse Sharon NPL Site, prepared by Roy F. Weston, Inc., (Weston) 11/5/94. P. 300619-300696.
7. Letter to Mr. David Turner, U.S. EPA, from Mr. Gordon Taylor, Westinghouse, re: Comments regarding the Sampling Plan, 5/25/95. P. 300697-300701.
8. Report: Site Sampling Plan for the Westinghouse - Sharon NPL Site, Sharon, Mercer County, PA, prepared by Ms. Lisa Strissel and Mr. Charles LaCerra, 6/14/95. P. 300702-300743. A July 25, 1995, report entitled, "Westinghouse Sharon Middle Sector Building Sampling Assessment Trip Report," and a May 5, 1995, report entitled, "Site Sampling Plan for the Westinghouse - Sharon NPL Site, Sharon, Mercer County, PA," are attached.
9. Report: Off Site Soil Sampling Results,

Westinghouse, Sharon, PA, prepared by U.S. EPA,
7/95. P. 300744-300807.

10. Handwritten memorandum to Jerry from Bob K. re:
Transmittal of analytical data from samples taken at
the Westinghouse Site, 7/17/95. P. 300808-300852.
The following are attached:

- a) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28808;
- b) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28739;
- c) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28740;
- d) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28741;
- e) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28742;
- f) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28743;
- g) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28739;
- h) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28744;
- i) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28745;
- j) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28746;
- k) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28747;
- l) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28748;
- m) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28749;

- n) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28750;
- o) a June 29, 1995, "Inorganic Analysis Data Sheet," Sample No. 28751;
- p) undated results from a Contract Laboratory Program Solids test conducted on 13 samples;
- q) undated results from a Polychlorinated Biphenyls (PCB) Wipe test conducted on 54 samples;
- r) undated results from a PCB Soil test conducted on 13 samples;
- s) undated results from a Volatile Organics Analysis test performed on Sample EE-95-28809;
- t) undated results from a Volatile Organics Analysis test performed on Sample EE-95-28808;
- u) undated results from a Base Neutral test performed on Sample EE-95-28808;
- v) undated results from an Acid Phenol test performed on Sample EE-95-28808;
- w) undated results from a Pesticide-PCB test performed on Sample EE-95-28808.

11. Letter to Mr. David Turner, U.S. EPA, from Mr. Robert Kowalczyk, Ecology and Environment, Inc., re: Transmittal of results regarding dioxin wipe samples taken at the Westinghouse Site, 7/21/95. P. 300853-300881. The following are attached:

- a) a June 17, 1995, report entitled,
"Polychlorinated Dibenzodioxins/
Polychlorinated Dibenzofurans (PCDD/PCDF)
Summary Report," Sample No. TLI Wipe Blank;
- b) a June 17, 1995, report entitled,
"PCDD/PCDF Summary Report," Sample No.
28761.01;
- c) a June 17, 1995, report entitled,
"PCDD/PCDF Summary Report," Sample No.
28777.02;
- d) a June 17, 1995, report entitled,
"PCDD/PCDF Summary Report," Sample No.
28778.02;
- e) a June 17, 1995, report entitled,
"PCDD/PCDF Summary Report," Sample No.
28779.01;
- f) a June 17, 1995, report entitled,
"PCDD/PCDF Summary Report," Sample No.
28780.02;
- g) a June 17, 1995, report entitled,
"PCDD/PCDF Summary Report," Sample No.
28785.02;

12. Report: Trip Report, Westinghouse Sharon NPL Site,
Sampling Assessment, Sharon, Mercer County,
Pennsylvania, (no author cited), 7/25/95. P.
300882-300894. The following are attached:

- a) an August 22, 1995, map entitled,
"Westinghouse-Sharon NPL Site;"
- b) an undated figure entitled, "Middle Sector
Building Sampling Areas;"
- c) an undated figure entitled, "Sample
Locations for Areas 1, 4, 7, and 10;"
- d) an undated figure entitled, "Sample
Locations for Areas 2, 5, 8, and 11;"

- e) an undated figure entitled, "Sample Locations for Areas 3, 6, 9, and 12;"
- f) an undated table entitled, "Sample Analysis Summary;"
- g) an undated table entitled, "Dimensions of Sweep Samples."

13. Memorandum to Mr. Bob Kowalczyk from Mr. Kenneth Kanige, Ecology and Environment, Inc., re: Transmittal of analytical results for one water sample and thirteen soil samples that were analyzed for lead and target analyze list inorganics, 8/10/95. P. 300895-300929. The following are attached:

- a) an August 18, 1995, facsimile transmittal memorandum to Mr. Jerry Heston, U.S. EPA, from Ms. Joanna McMullan, Ecology and Environment, Inc.;
- b) an undated table entitled, "Table 1: Summary of Data Qualifiers;"
- c) "Appendix A: Data Summary For Inorganics;"
- d) an August 16, 1995, memorandum to Mr. Robert Kowalczyk from Ms. Joanna McMullan, Ecology and Environment, Inc., transmitting analytical results for one water sample and six wipe samples that were analyzed for PCDD/PCDFs;
- e) an undated table entitled, "Table 1: PCDD and PCDF Analysis;"
- f) an August 16, 1995, memorandum to Mr. Robert Kowalczyk from Ms. Joanna McMullan, transmitting analytical results for one water sample analyzed for target compound list (TCL) organics, one blank analyzed for TCL volatiles, as well as thirteen soil samples and fifty wipe samples analyzed for PCBs;

g) "Appendix A: Data Summary For Organics."

14. Facsimile transmittal memorandum to J. Heston from R. Kowalczyk, re: Transmittal of lab results for sweep sample #12, 9/25/95. P. 300930-300931. Results from an undated PCB soil test are attached.
15. Report: Interim Action Source Control, Removal Response Action Work Plan, Former Westinghouse Transformer Manufacturing Facility, Sharon, Pennsylvania, prepared by Groundwater Technology, Inc., 9/28/95. P. 300932-301162. A September 27, 1995, transmittal letter to Mr. David Turner, U.S. EPA, from Mr. Raymond Lees, Groundwater Technology, and a May 12, 1994, map entitled, "Site Locations" are attached.
16. Letter to Mr. David Turner, U.S. EPA, from Mr. Kenneth Bird, Cummings Riter Consultants, Inc., re: Transmittal of tables summarizing the results of the interior samples collected at the Westinghouse Site, 9/28/95. P. 301163-301168. An undated table entitled, "Table 2, PCB and Lead Results, Floor Sweep Samples, Former Sharon Transformer Facility, Sharon, Pennsylvania;" an undated table entitled, "Table 3, Summary of Analytical Results, H80 Pit Water-June 1995, Former Sharon Transformer Facility, Sharon, Pennsylvania;" and an undated table entitled, "Table 1, PCB Results, Wipe Sample Summary, Former Sharon Transformer Facility, Sharon, Pennsylvania," are attached.
17. Report: Environmental Assessment Report, Westinghouse Sharon Middle Sector Building, prepared by David Turner, 2/96. P. 301169-301175.
18. Report: Remedial Investigation Report, Westinghouse Electric (Sharon Plant), Sharon, Pennsylvania,
Volume I of IV, prepared by Cummings Riter Consultants, Inc., 3/20/96. P. 301176-301406. A March 20, 1996, transmittal letter to Mr. Charles Tordella, Pennsylvania Department of Environmental Protection (PADEP), from Mr. Patrick O'Hara

and Mr. Bryan Maurer, Cummings Riter Consultants, Inc., is attached.

19. Report: Remedial Investigation Report, Westinghouse Electric (Sharon Plant), Sharon, Pennsylvania, Volume II of IV, prepared by Cummings Riter Consultants, Inc., 3/20/96. P. 301407-301477.
20. Report: Remedial Investigation Report, Westinghouse Electric (Sharon Plant), Sharon, Pennsylvania, Volume III of IV, prepared by Cummings Riter Consultants, Inc., 3/20/96. P. 301478-301974.
21. Report: Remedial Investigation Report, Westinghouse Electric (Sharon Plant), Sharon, Pennsylvania, Volume IV of IV, prepared by Cummings Riter Consultants, Inc., 3/20/96. P. 301975-302495.
22. Report: Data Evaluation for Risk Assessment for the Westinghouse Electric Corporation Former Sharon Transformer Plant, prepared by ChemRisk, 4/5/96. P. 302496-302612. An April 5, 1996, transmittal letter to Mr. Charles Tordella, U.S. EPA, from Mr. David Crawford, ChemRisk, is attached.
23. Letter to Mr. Samuel Pitts, Westinghouse, from Mr. Thomas Voltaggio, U.S. EPA, re: EPA's comments on the assessment conducted to determine if current conditions in the middle sector building pose a threat to human health and the environment and notification that the conditions do not warrant a removal action at this time, 4/17/96. P. 302613-302615.
24. Memorandum to Mr. David Turner, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, re: Comments regarding the Remedial Investigation Report, 5/7/96. P. 302616-302618.
25. Letter to Mr. Ted Stevenson, U.S. Department of Housing and Urban Development, from Mr. David Turner, U.S. EPA, re: Response to a letter

requesting information on the cleanup status of the Westinghouse Site, 5/8/96. P. 302619-302620.

26. Letter to Mr. John Zuemie, Westinghouse, from Mr. David Turner, U.S. EPA, re: Comments on the IASC RRA Implementation 3-month letter report and recommendations, 5/15/96. P. 302621-302622. The comments are attached.
27. Letter to Mr. Gregg Crystall, U.S. EPA, from Ms. Anita Stainbrook, PADEP, re: Documentation of a May 21, 1996, telephone conversation regarding PADEP's concerns with the Westinghouse Site, 5/22/96. P. 302623-302624.
28. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, U.S. EPA, re: Comments regarding the revised Remedial Investigation Report, 5/24/96. P. 302625-302641. A December 15, 1995, report entitled, "Analysis of Fish Tissue Contaminants Near the Westinghouse-Sharon Superfund Site," is attached.
29. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, re: Response to a request for EPA policy on certification of Potentially Responsible Parties (PRPs) risk assessment and EPA guidance on ground water concentration well grouping, 6/10/96. P. 302642-302657. The following are attached:
 - a) an August 28, 1990, memorandum to U.S. EPA Regional Administrators, Regions I-X, from Mr. Don Clay, U.S. EPA, transmitting guidance on developing all risk assessments for sites remediated under CERCLA;
 - b) a September 1, 1993, memorandum to U.S. EPA Regional Administrators, Regions I-X, from Mr. Richard Guimond, U.S. EPA, announcing EPA's new policy on conducting risk assessments at Superfund Sites where PRPs are conducting the RI/FS;
 - c) a January 26, 1996, memorandum to U.S. EPA

Regional Administrators, Regions I-X, from Mr. Stephen Luftig, U.S. EPA, transmitting EPA's revised policy on allowing PRPs to conduct the risk assessment portion of the RI/FS;

- d) a November 1991 excerpt from a Region III Technical Guidance Manual entitled, "Exposure Point Concentrations in Groundwater."

30. Meeting notes from a June 11, 1996, Pre-Risk Assessment Meeting, 6/17/96. P. 302658-302680. The following are attached:

- a) a June 17, 1996, facsimile transmittal memorandum to Mr. Vic Janosik, U.S. EPA, from Mr. Chuck Tordella, PADEP, transmitting meeting notes from a June 11, 1996, meeting;
- b) a June 11, 1996, excerpt from the remedial project manager's log book regarding a meeting to discuss the development of the risk assessment for the Westinghouse Site;
- c) a June 11, 1996, meeting log sheet;
- d) a June 4, 1996, electronic mail message transmitting an outline for a June 11, 1996, Pre-Risk Assessment Meeting;
- e) a June 11, 1996, presentation package entitled, "Human Health and Ecological Risk Receptor Characterization."

31. Letter to Mr. Charles Tordella, PADEP, from Mr. Mark

Maritato, Chem Risk, re: Response to a request for three pre-risk assessment deliverables and transmittal of those deliverables, 6/27/96. P. 302681-302707. The following are attached:

- a) a June 27, 1996, memorandum to Mr. Chuck Tordella, PADEP, from Mr. Mark Maritato, ChemRisk, regarding the re-organization of ground water data groupings;
- b) a June 25, 1996, memorandum to Mr. Mark Maritato, ChemRisk, from Mr. Bryan Maurer, Cummings/Riter Consultants, Inc., identifying bedrock, alluvium southern (solvent) plume, and alluvium central (PCB/Chlorinated Benzene) plume as three new groundwater data groupings for the risk assessment;
- c) an undated table entitled, "Table 1: Groundwater Monitoring Well Data Groupings;"
- d) an undated table entitled, "Table 2: Groundwater Monitoring Wells Not Included in the Data Groupings;"
- e) an undated table entitled, "Exposure Parameters for the Child Wader;"
- f) an undated table entitled, "Exposure Parameters for the Hypothetical Trespasser;"
- g) an undated table entitled, "Exposure Parameters for the Hypothetical Maintenance Worker;"
- h) an undated table entitled, "Exposure Parameters for the Hypothetical Indoor Worker;"
- i) an undated table entitled, "Exposure Parameters for the Hypothetical

Construction Worker;"

- j) a June 25, 1996, table entitled, "Adult Exposure Parameters for Hypothetical Residential Groundwater Use;"
 - k) a June 25, 1996, table entitled, "Adult Exposure for Hypothetical Industrial Groundwater Use;"
 - l) an undated list entitled, "Exposure Factor Table References;"
 - m) a June 27, 1996, presentation package entitled, "Revised Human Health Ecological Risk Receptor Characterization."
32. Electronic mail memorandum to Ms. Barbara Okorn from Mr. Robert Burr, re: Transmittal of comments regarding the pre-risk assessment deliverables, 7/5/96. P. 302708-302708.
33. Letter to Mr. Charles Tordella, PADEP, from Mr. Victor Janosik, U.S. EPA, re: Response to U.S. Fish and Wildlife Service (FWS) comments on the pre-risk assessment deliverables, 7/5/96. P. 302709-302709.
34. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, re: Transmittal of comments on the pre-risk assessment deliverables, 7/10/96. P. 302710-302725. A July 18, 1996, facsimile transmittal sheet to Mr. Charles Tordella, PADEP, from Mr. Vic Janosik, U.S. EPA and a June 21, 1987, presentation package entitled, "Inhalation Exposures to Volatile Organic Contaminants in the Shower," prepared by Sarah Foster and Paul Chrostowski, are attached.
35. Letter to Mr. Charles Tordella, PADEP, from Mr. David Crawford, ChemRisk, re: Transmittal of the Screening-Level Ecological Risk Assessment, 7/11/96. P. 302726-302726.
36. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, re: Comments regarding

validation issues with the Remedial Investigation Report, 7/18/96. P. 302727-302729. A July 24, 1996, facsimile transmittal memorandum to Mr. Chuck Tordella, PADEP, from Mr. Vic Janosik, U.S. EPA, is attached.

37. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Transmittal of comments regarding the pre-risk assessment deliverables, 7/23/96. P. 302730-302738. A June 21, 1987, presentation package entitled, "Inhalation Exposures to Volatile Organic Contaminants in the Shower," prepared by Ms. Sarah Foster and Mr. Paul Chrostowski, ICF-Clement Associates, Inc., is attached.
38. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Notification that EPA has received and concurs with Westinghouse's July 26, 1996, response to comments regarding the pre-risk assessment deliverables, 8/15/96. P. 302739-302748. A July 31, 1996, letter to Mr. Charles Tordella, PADEP, from Mr. Gordon Taylor, Westinghouse, responding to July 24, 1996, comments regarding the completion of the risk assessment; and a July 26, 1996, memorandum to Mr. Gordon Taylor, Westinghouse, from Mr. Mark Maritato, ChemRisk, responding to PADEP's July 23, 1996, comments regarding the pre-risk assessment deliverables, are attached.
39. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Barbara Okorn, U.S. EPA, re: Comments regarding the Screening Level Eco-Risk Assessment, 8/15/96. P. 302749-302752.
40. Letter to Mr. Charles Tordella, PADEP, from Mr. Mark Hartle, Commonwealth of Pennsylvania Fish and Boat Commission, re: Comments regarding the Screening Level Eco-Risk Assessment, 8/26/96. P. 302753-302755.
41. Letter to Mr. Gordon Taylor, Westinghouse, from Mr.

Charles Tordella, U.S. EPA, re: Comments regarding the Screening Level Eco-Risk Assessment, 9/4/96.
P. 302756-302760.

42. Letter to Mr. Charles Tordella, PADEP, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of EPA Bulletin No. EPA 540/F-95/038, in response to a request for more information regarding EPA's comments on the Screening Level Eco-Risk Assessment, 9/13/96 P. 302761-302776. A January 1996 EPA ECO Update entitled, "ECOTOX Thresholds," and a September 11, 1996, memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Barbara Okorn, U.S. EPA, regarding the "ECOTOX Thresholds" bulletin, are attached.
43. Letter to Mr. Charles Tordella, PADEP, from Mr. David Crawford and Mr. Mark Maritato, ChemRisk, re: Transmittal of the Baseline Human Health Risk Assessment, 9/30/96. P. 302777-302777.
44. Report: Baseline Risk Assessment for Westinghouse Sharon Middle Sector Building, prepared by U.S. EPA, 10/96. P. 302778-302979.
45. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, re: Comments regarding the draft Remedial Investigation Risk Assessment, 10/4/96. P. 302980-302980.
46. Electronic mail memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Barbara Okorn, U.S. EPA, re: Summary of an October 16, 1996, conference call, 10/16/96. P. 302981-302981.
47. Letter to Mr. Charles Tordella, PADEP, from Mr. Vic Janosik, U.S. EPA, re: Comments on the Baseline Human Health Risk Assessment, 10/23/96. P. 302982-302984.
48. Letter to Mr. Charles Tordella, PADEP, from Ms. Nancy Bonnevie, ChemRisk, re: Transmittal of revised Screening-Level Ecological Risk Assessment, 11/1/96. P. 302985-302986.
49. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Comments regarding the

draft Baseline Human Health Risk Assessment,
11/20/96. P. 302987-302990.

50. Memorandum to Mr. Vic Janosik, from Ms. Barbara Okorn, U.S. EPA, re: Transmittal of comments regarding the revised screening eco-risk assessment, 11/26/96. P. 302991-302998. A November 20, 1996, letter to Mr. Charles Tordella, PADEP, from Mark Hartle, Commonwealth of Pennsylvania Fish and Boat Commission, transmitting comments regarding the revised Ecological Risk Assessment, is attached.
51. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Comments regarding the revised Screening-Level Eco-Risk Assessment Report, 12/11/96. P. 302999-303007. A November 20, 1996, letter to Mr. Charles Tordella, PADEP, from Mr. Mark Hartle, Commonwealth of Pennsylvania Fish and Boat Commission, transmitting comments regarding the revised Eco-Risk Assessment, and an undated figure entitled, "Figure 1: PCB Concentrations in Shenango River, Carp Fillets vs. Time within Five River Miles of the Westinghouse-Sharon NPL Site," are attached.
52. Letter to Mr. Charles Tordella, PADEP, from Mr. Gordon Taylor, Westinghouse, re: Notification that payment will be forthcoming and request for an extension on the due date for the response to comments regarding the human health risk assessment, 12/20/96. P. 303008-303011. An adjusted summary of expenditures for August 27, 1988, through December 31, 1995, is attached.
53. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Response to a December 20, 1996, letter regarding cost reimbursement, the Ecological Risk Assessment, the Baseline Human Health Risk Assessment, and middle sector building issues, 12/31/96. P. 303012-303013.
54. Letter to Mr. Charles Tordella, PADEP, from Ms. Nancy Bonnevie and Ms. Miranda Henning, ChemRisk, re: Response to December 11, 1996, comments

- regarding the November 1, 1996, revised Screening-Level Ecological Risk Assessment, 1/10/97. P. 303014-303039.
55. Letter to Mr. Charles Tordella, PADEP, from Mr. Patrick Gwinn and Mr. Mark Maritato, ChemRisk, re: Response to November 20, 1996, comments regarding the Baseline Human Health Risk Assessment, 1/17/97. P. 303040-303052.
56. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Barbara Okorn, U.S. EPA, re: Comments regarding draft EEQ's and the revised Screening-Level Ecological Risk Assessment, 4/16/97. P. 303053-303053.
57. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Comments to be incorporated into the final revised Screening-Level Ecological Risk Assessment, 4/23/97. P. 303054-303055.
58. Report: Final Screening-Level Ecological Risk Assessment for the Former Sharon Transformer Plant, Sharon, Pennsylvania, prepared by ChemRisk, 5/97. P. 303056-303129. A June 6, 1997, letter to Mr. Charles Tordella, PADEP, from Ms. Nancy Bonnevie, ChemRisk, transmitting the Screening-Level Ecological Risk Assessment, and an August 7, 1997, letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, transmitting PADEP's and EPA's approval of the Screening-Level Ecological Risk Assessment are attached.
59. Memorandum to Vic Janosik, U.S. EPA, from Mr. Denis Lohman, U.S. EPA, re: Comments regarding the Screening-Level Ecological Risk Assessment, 5/16/97. P. 303130-303132.
60. Letter to Mr. Charles Tordella, PADEP, from Mr. Gordon Taylor, Westinghouse, re: Comments regarding data revalidation and risk recalculation, 5/20/97. P. 303133-303135. An undated table entitled, "Summary of Risk Calculation Results as Modified by USEPA Data Validation Former Sharon Transformer Plant" is attached.

61. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Approval from EPA and PADEP to finalize the Screening-Level Ecological Risk Assessment, 5/21/97. P. 303136-303159. A May 19, 1997, letter to Mr. Charles Tordella, PADEP, from Mr. Vic Janosik, U.S. EPA, transmitting approval of the proposed revisions to the Screening-Level Ecological Risk Assessment; a May 14, 1997, facsimile transmittal memorandum to Mr. Vic Janosik, U.S. EPA, from Mr. Charles Tordella, PADEP, transmitting ChemRisk's response to comments regarding the Screening-Level Ecological Risk Assessment; and an April 30, 1997, letter to Mr. Charles Tordella, PADEP, from Ms. Nancy Bonnevie, ChemRisk, transmitting a response to comments regarding the Screening-Level Ecological Risk Assessment, are attached.
62. Letter to Mr. Charles Tordella, PADEP, from Mr. Patrick O'Hara, Cummings Riter Consultants, Inc., re: Request for notification when EPA has completed its data revalidation process on the Baseline Human Health Risk Assessment, 6/13/97. P. 303160-303160.
63. Letter to Mr. Charles Tordella, PADEP, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of comments regarding the draft Baseline Human Health Risk Assessment, 7/22/97. P. 303161-303201. A July 16, 1997, memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, transmitting comments regarding the draft Baseline Human Health Risk Assessment, is attached.
64. Report: Revised Pilot Program Work Plan, Interior Cleanup-Middle Sector Buildings, Sharon, Pennsylvania, prepared by Cummings Riter Consultants, Inc., 7/25/97. P. 303202-303252. A July 24, 1997, transmittal letter to Mr. Charles Tordella, PADEP, from Mr. Gordon Taylor, Westinghouse, is attached.

65. Letter to Mr. Vic Janosik, U.S. EPA, from Mr. Clayton Johnson, Winner Steel Services, re: Transmittal of comments regarding disposal of waste generated by facility expansion, 7/30/97. P. 303253-303262. The following are attached:
- a) an undated facsimile transmittal memorandum to Mr. Vic Janosik, U.S. EPA, from Mr. Clay Johnson, Winner Steel Services;
 - b) an undated table entitled, "Material Disposal Summary;"
 - c) an July 28, 1997, document entitled, "Summary of Analytical Results, Existing Rubble Piles, Exterior Concrete PCB Samples;"
 - d) an undated figure entitled, "Building Plan Map South Sector, Former Transformer Facility, Sharon, Pennsylvania;"
 - e) an undated figure entitled, "Rubble Pile Concrete and Soil Locations."
66. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Comments regarding the Baseline Human Health Risk Assessment, 8/6/97. P. 303263-303263.
67. Letter to Mr. Charles Tordella, PADEP, from Mr. Gordon Taylor, Westinghouse, re: Response to comments regarding the draft risk assessment, 8/27/97. P. 303264-303269.
68. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Vic Janosik, U.S. EPA, re: Notification that toxicological information is being forwarded to Mr. Patrick O'Hara, Cummings Riter Consultants, Inc., 9/8/97. P. 303270-303271.

69. Letter to Mr. Vic Janosik, U.S. EPA, from Ms. Judith Kalkiewicz, Fluor Daniel GTI, re: Request that monitoring and reporting frequency at the Westinghouse Site be reduced from monthly to quarterly, 9/15/97. P. 303272-303272.
70. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Notification that PADEP is extending the deadline for submission of the revised Baseline Human Health Risk Assessment, 9/18/97. P. 303273-303273.
71. Report: Final Report for Demonstration of In Situ Oxidation of Dense Non-Aqueous Phase Liquid (DNAPL) Using the Geo-Cleanse Technology, prepared by Westinghouse Savannah River Company, 9/19/97. P. 303274-303337. The following are attached:
- a) a November 25, 1997, transmittal letter to Mr. William Baughman, Cummings Riter Consultants, Inc., from Ms. Karen Jerome, Westinghouse Savannah River Company;
 - b) a November 25, 1998, letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer and Mr. William Baughman, Cummings Riter Consultants, Inc., regarding ground water monitoring well network inspection report/evaluation;
 - c) a December 7, 1998, letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., regarding monitoring wells S-2A and S-2B;
 - d) a December 10, 1998, electronic mail memorandum to Mr. Vic Janosik, U.S. EPA, from Mr. William McKenty, U.S. EPA, regarding comments on the ground water monitoring well network inspection/evaluation;

- e) a January 5, 1999, letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, regarding comments on the ground water monitoring well network inspection/evaluation report and the final report for demonstration of In-Situ Oxidation of DNAPL using the Geo-Cleanse technology;
- f) a January 20, 1999, letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., responding to comments regarding the ground water monitoring well network inspection/evaluation report and the final report for demonstration of In-Situ Oxidation of DNAPL using the Geo-Cleanse technology;
- g) a January 27, 1999, letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, responding to a January 5, 1999, response to comments regarding the ground water monitoring well network inspection/evaluation.

72. Report: Baseline Characterization Report, Interior Cleanup Pilot Program, Former Sharon Transformer Plant, Sharon, Pennsylvania, prepared by Cummings Riter Consultants, Inc., 10/10/97. P. 303338-303629. An October 10, 1997, transmittal letter to Mr. Charles Tordella, PADEP, from Mr. Kenneth J. Bird, Cummings Riter Consultants, Inc., is attached.

73. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Vic Janosik, U.S. EPA, re: Approval of a request to reduce monitoring and reporting frequency at the Westinghouse Site from monthly to quarterly, 10/16/97. P. 303630-303631.
74. Letter to Mr. Charles Tordella, PADEP, from Mr. David Crawford and Mr. Mark Maritato, ChemRisk, re: Comments regarding the revised Baseline Human Health Risk Assessment, 11/26/97. P. 303632-303632.
75. Letter to Mr. Charles Tordella, PADEP, from Mr. Mark Maritato and Mr. David Crawford, ChemRisk, re: Response to comments regarding the revised draft Baseline Human Health Risk Assessment, 11/26/97. P. 303633-303649.
76. Report: Air Monitoring Report, Middle Sector Buildings, Former Transformer Facility, Sharon, Pennsylvania, prepared by Cummings Riter Consultants, Inc., 12/10/97. P. 303650-303700. A December 10, 1997, transmittal letter to Mr. Charles Tordella, PADEP, from Mr. Kenneth Bird, Cummings Riter Consultants, Inc., and a March 13, 1998, memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Patricia Flores-Brown, U.S. EPA, approving the Air Monitoring Report, are attached.
77. Letter to Mr. Charles Tordella, PADEP, from Mr. Gordon Taylor, CBS Corporation, re: Transmittal of the scope and tentative schedule of activities anticipated for the interior cleanup pilot study, 1/9/98. P. 303701-303709. An undated table entitled, "Interior Cleanup Pilot Study Tentative Schedule Former Sharon Transformer Plant," and an October 10, 1998, figure entitled, "Site Layout and Pilot Study Areas, Former Sharon Transformer Plant, Sharon, Pennsylvania" are attached.
78. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, re: Comments regarding the revised draft Baseline Human Health Risk Assessment, 2/3/98. P. 303710-303751. The following are attached:

a) "Attachment 1," Substitute for Tables 4-7

and 4-8;

- b) "Attachment 2," Summary of Risk Estimates;
 - c) "Attachment 3," Comparison of Volatile Organic Chemicals in Multiple Media.
 - d) a February 3, 1998, memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Patricia Flores-Brown, U.S. EPA, transmitting comments regarding the air modeling portions of the Baseline Human Health Risk Assessment;
79. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Comments regarding the revised Baseline Human Health Risk Assessment, 2/10/98. P. 303752-303752.
80. Letter to Mr. Charles Tordella, PADEP, from Mr. Mark Maritato, ChemRisk, re: Response to comments regarding the revised Baseline Human Health Risk Assessment and transmittal of revised text, 3/3/98. P. 303753-303769. Nine pages of revised text and a March 3, 1998, facsimile transmittal memorandum to Mr. Charles Tordella, PADEP, Mr. Vic Janosik, U.S. EPA, Mr. Gordon Taylor, Westinghouse, and Mr. Pat O'Hara, Cummings Riter Consultants, Inc., from Ms. Nadine Shear and Mr. Mark Maritato, ChemRisk, are attached.
81. Memorandum to Ms. Jennifer Hubbard, U.S. EPA, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of comments regarding Westinghouse's response to comments concerning revisions to the Remedial Investigation Report, 3/4/98. P. 303770-303772. A March 4, 1998, electronic mail memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, transmitting a response to a conference call is attached.
82. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Patricia Flores-Brown, U.S. EPA, re: Comments

regarding ChemRisk's response to comments relating to the air modeling portions of the Baseline Human Health Risk Assessment, 3/11/98. P. 303773-303775.

83. Memorandum to File from Mr. Vic Janosik, U.S. EPA, re: Documentation of a March 12, 1998, conference call regarding CBS's response to PADEP/EPA comments on the revised Baseline Human Health Risk Assessment, 3/12/98. P. 303776-303776.
84. Electronic mail memorandum to Ms. Jennifer Hubbard, U.S. EPA, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of comments regarding a March 12, 1998, conference call, 3/12/98. P. 303777-303777.
85. Letter to Mr. Charles Tordella, PADEP, from Ms. Nadine Shear and Mr. Maritato, re: Transmittal of response to comments regarding the Baseline Human Health Risk Assessment, 3/20/98. P. 303778-303778.
86. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Patricia Flores-Brown, U.S. EPA, re: Transmittal of comments regarding changes to the air modeling portions of the Baseline Human Health Risk Assessment, 3/25/98. P. 303779-303780.
87. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, re: Transmittal of comments regarding revisions to the Baseline Human Health Risk Assessment, 3/26/98. P. 303781-303785.
88. Letter to Mr. Gordon Taylor, Westinghouse, from Mr. Charles Tordella, PADEP, re: Transmittal of comments regarding the March 20, 1998, response to comments for the revised Baseline Human Health Risk Assessment, 3/30/98. P. 303786-303786.
89. Letter to Ms. Nadine Shear, ChemRisk, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of the Baseline Human Health Risk Assessment, 4/1/98. P. 303787-303787.
90. Letter to Mr. Charles Tordella, PADEP, from Mr. Mark Maritato and Ms. Nadine Shear, ChemRisk, re: Transmittal of the final Baseline Human Health Risk

Assessment, 4/7/98. P. 303788-303788.

91. Report: Baseline Human Health Risk Assessment of the Former Westinghouse Transformer Plant, Sharon, Pennsylvania, prepared by ChemRisk, 4/7/98. P. 303789-304407.
92. Letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, re: Approval of the April 7, 1998, revision to the Baseline Human Health Risk Assessment, 4/22/98. P. 304408-304408.
93. Letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, re: Transmittal of three documents to be included in Appendix I of the Baseline Human Health Risk Assessment, 4/28/98. P. 304409-304409.
94. Letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., re: Transmittal of the Pilot Study Report for the interior cleanup pilot program to be performed at the Westinghouse Site, 5/8/98. P. 304410-304410.
95. Report: Pilot Study Report, Interior Cleanup Pilot Program, Former Sharon Transformer Plant, Sharon, Pennsylvania, prepared by Cummings Riter Consultants, Inc., 5/8/98. P. 304411-304906.
The following are attached:
 - a) a July 16, 1998, letter to Mr. Charles Tordella, PADEP, from Mr. Bryan R. Maurer, Cummings Riter Consultants, Inc., transmitting two copies of the Revisions to the Pilot Study Report for the Interior Cleanup Pilot Program performed at Sharon;
 - b) an attachment to the July 16, 1998, letter entitled "Comment/Response Document";

- c) a July 15, 1998, letter to Mr. Gordon Taylor, CBS Corporation, from Ms. Nadine M. Shear, ChemRisk, concerning ChemRisk's response to comments dated June 11, 1998, prepared by the U.S. EPA;
 - d) an August 27, 1998, memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, concerning U.S. EPA comments on Section 2.5 and the Appendix of the revised Pilot Study Report.
96. Letter to Mr. Tom Conway from Mr. Vic Janosik, U.S. EPA, re: Transmittal of the Pilot Study Report for review, 5/14/98. P. 304907-304907.
97. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, re: Comments regarding the revised Pilot Study Report, 8/27/98. P. 304908-304909.
98. Letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., re: Transmittal of the Work Plan for the interior cleanup of the middle sector buildings, 9/4/98. P. 304910-304910.
99. Letter to Mr. Charles Tordella, PADEP, from Mr. Vic Janosik, U.S. EPA, re: Comments regarding the Work Plan for the interior cleanup of the middle sector buildings, 9/9/98. P. 304911-304912.
100. Letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, re: Comments regarding the Feasibility Study Supplemental Sampling and Analysis Plan and notification that EPA and PADEP have determined that the cleanup levels proposed for the middle sector buildings in the July 16, 1998, Pilot Study Report are acceptable, 9/14/98. P. 304913-304913.
101. Letter to Mr. Michael Chezik, U.S. Department of Interior, from Mr. Vic Janosik, U.S. EPA, re: Notification that the DOI will be kept informed

of any Remedial Design/Remedial Action negotiations, 9/16/98. P. 304914-304914.

102. Letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, re: Comments prepared by PADEP and EPA regarding the Work Plan for the interior cleanup for the middle sector building, 9/24/98. P. 304915-304918.
103. Letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., re: Response to comments dated September 4, 1998, regarding the Work Plan for interior cleanup of the middle sector building, 10/6/98. P. 304919-304924.
104. Letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, re: Notification that PADEP and U.S. EPA concur with the proposed revision to the Work Plan for interior cleanup of the middle sector building, 10/21/98. P. 304925-304925.
105. Report: Revised Work Plan, Interior Cleanup - Middle Sector Buildings, Former Sharon Transformer Plant, Sharon, Pennsylvania, prepared by Cummings Riter Consultants, Inc., 10/23/98. P. 304926-304964. An October 23, 1998, transmittal letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., is attached.
106. Report: Feasibility Study, Supplemental Sampling and Analysis Plan, Groundwater, Sediment and Non-Aqueous Phase Liquids, Westinghouse Electric (Sharon Plant), Sharon, Pennsylvania, prepared by Cummings Riter Consultants, Inc., 10/23/98. P. 304965-305005. An October 23, 1998, transmittal letter to Mr.

Charles Tordella, PADEP, from Mr. Patrick O'Hara, Cummings Riter Consultants, Inc., is attached.

107. Letter to Mr. Charles Tordella, PADEP, from Mr. Gordon Taylor, CBS Corporation, re: Transmittal of a document entitled, "Scope of Work, Middle Sector Buildings Interior Cleanup, Phase I - Preliminary Cleaning/Debris Removal," 11/16/98. P. 305006-305014. The Scope of Work document is attached.
108. Report: Final Feasibility Study Report-Soils, Westinghouse Electric (Sharon Plant), Sharon, Pennsylvania, prepared by Cummings Riter Consultants, Inc., 11/17/98. P. 305015-305189. A November 17, 1998, transmittal letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer and Mr. Patrick O'Hara, Cummings Riter Consultants, Inc., and a December 17, 1998, letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, regarding PADEP and EPA's acceptance of the Final Feasibility Study Report, are attached.
109. Letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., re: Notification of contractor selection for the initial cleaning and debris removal at the Westinghouse Site, 12/7/98. P. 305190-305191.
110. Letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, re: EPA and PADEP's approval of the Scope of Work for the Phase 1 Preliminary Cleaning/Debris Removal in the Middle Sector Buildings, 12/9/98. P. 305192-305192.
111. Letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., re: Transmittal of analytical results regarding backfill materials, 1/15/99. P. 305193-305195. A table entitled, "Analytical Results - H-80 Pit Backfill, Sharon, Pennsylvania" is attached.

112. Letter to Mr. Mike Bowser, AWS Remediation, Inc., from Mr. Timothy Molnar, Antech Ltd., re: Transmittal of analytical results for soil samples, 2/5/99. P. 305196-305203. The following are attached:
- a) an undated Antech Ltd., case narrative;
 - b) an undated table entitled, "Table 1, General Data Table;"
 - c) a February 16, 1999, transmittal letter to Mr. Wes Zipay, Winner Steel Services, from Ms. Elizabeth Hills, AWS Remediation, Inc.;
 - d) a February 16, 1999, letter to Mr. Mike Bowser, AWS Remediation, Inc., from Mr. Timothy Molnar, Antech Ltd., transmitting analytical results for soil samples;
 - e) an undated Antech Ltd., case narrative;
 - f) an undated table entitled, "Table 1, PCB Data Table;"
 - g) a cover sheet entitled, "Winner Steel Services Roadway Area Soil Samples."
113. Letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, re: Response to a February 11, 1999, letter regarding former underground storage tank excavation, 2/19/99. P. 305204-305207. A February 17, 1999, letter to Mr. Charles Tordella, PADEP, from Mr. Vic Janosik, U.S. EPA, approving CBS's plan to backfill a former underground storage tank excavation site and a February 11, 1999, letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., requesting approval to backfill a former underground storage tank excavation site, are attached.
114. Report: Draft Position Document, Preferred Remedial Alternatives for Soils, Former Westinghouse Electric (Sharon Plant), Sharon,

Pennsylvania, prepared by Cummings Riter
Consultants, Inc., 2/24/99. P. 305208-305214.

115. Memorandum to Mr. Vic Janosik, U.S. EPA, Mr. Charles Tordella, PADEP, and Mr. Gordon Taylor, CBS Corporation, from Mr. Wes Zipay, Winner Steel Services, re: Transmittal of analytical results from soil sampling, 3/10/99. P. 305215-305219. The following are attached:
- a) a March 3, 1999, letter to Mr. Mike Bowser, from Mr. Timothy Molnar, Antech Ltd., transmitting analytical results from soil sampling;
 - b) an undated Antech Ltd., Case Narrative;
 - c) an undated table entitled, "Table 1, PCB Data Table;"
 - d) an undated figure entitled, "Railroad Crossing and Soil Sampling Locations."
116. Memorandum to Mr. Vic Janosik, U.S. EPA, from Mr. Wes Zipay, Winner Steel Services, re: Transmittal of analytical results from soil sampling, 3/27/99. P. 305220-305224. The following are attached:
- a) a March 26, 1999, letter to Mr. Mike Bowser, AWS Remediation, Inc., from Mr. Timothy Molnar, Antech Ltd., transmitting analytical results of soil samples;
 - b) an undated Antech Ltd., Case Narrative;
 - c) an undated table entitled, "Table 1, Polychlorinated Biphenyl Data Table;"
 - d) an undated figure showing sampling locations.

117. Letter to Mr. Vic Janosik, U.S. EPA, from Mr. Patrick O'Hara, Cummings Riter Consultants, Inc., re: Comments regarding the draft soils remediation proposal, 3/31/99. P. 305225-305234. The following are attached:
- a) a March 31, 1999, facsimile transmittal sheet to Mr. Vic Janosik, U.S. EPA, and Mr. Charles Tordella, PADEP, from Mr. Patrick O'Hara, Cummings Riter Consultants, Inc.;
 - b) an undated table entitled, "Table H-53;"
 - c) an undated table entitled, "Table H-55;"
 - d) an undated table entitled, "Table A-1F Preliminary Cost Estimate Moat Soil Alternative 4B - Partial Excavation/Cap;"
 - e) an undated table entitled, "Table A-2F Preliminary Cost Estimate Railroad Area Surface Soil Alternative 4A - Excavation/Disposal;"
 - f) an undated table entitled, "Table Preliminary Cost Estimate Winner Steel Spur/Road Area Surface Soil Alternative Excavation/Gravel Cap;"
 - g) an undated table entitled, "Table Preliminary Cost Estimate Winner Steel Spur/Road Area Surface Soil Alternative Excavation/Asphalt Cap."

118. Letter to Mr. Vic Janosik, U.S. EPA, from Mr. Patrick O'Hara, Cummings Riter Consultants, Inc., re: Comments regarding the second draft Soils Remediation Proposal, 4/12/99. P. 305235-305240. The following are attached:
- a) an undated table entitled, "Table Preliminary Cost Estimate Railroad Area Surface Soil Alternative 4A - Excavation/Disposal;"
 - b) an undated table entitled, "Table Preliminary Cost Estimate Moat Soil Alternative 4B - Partial Excavation/Cap;"
 - c) an undated table entitled, "Table Preliminary Cost Estimate Winner Steel Spur/Road Area Surface Soil Alternative Excavation/Gravel Cap;"
 - d) an undated table entitled, "Table Preliminary Cost Estimate Winner Steel Spur/Road Area Surface Soil Alternative - Excavation/Asphalt Cap."
119. Letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Charles Tordella, PADEP, re: Comments regarding the "treatability plan", 5/6/99. P. 305241-305241.
120. Proposed Plan, Westinghouse Electric (Sharon) Site, 6/99. P. 305242-305269
121. Report: Field Investigation of Uncontrolled Hazardous Waste Sites, FIT Project, prepared by Ecology and Environment, Inc., (undated). P.

305270-305282.

122. Proposal entitled, "Draft Soils Remediation Proposals, Westinghouse Sharon Site, for Discussion at the 3-22-99 Meeting," prepared by U.S. EPA and PADEP, (undated). P. 305283-305285.

123. Analytical Data Package, (undated). P. 305286-305344. The following are included:

- a) an undated list of calculated risks due to soil contamination at 27 residences near the Westinghouse Sharon Site;
- b) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-1, Child Resident;"
- c) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-1, Adult Resident;"
- d) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-2, Child Resident;"
- e) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-2, Adult Resident;"
- f) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-3, Child Resident;"
- g) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-3, Adult Resident;"

- h) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-4, Child Resident;"
- i) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-4, Adult Resident;"
- j) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-5, Child Resident;"
- k) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-5, Adult Resident;"
- l) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-6, Child Resident;"
- m) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-6, Adult Resident;"
- n) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-7, Child Resident;"
- o) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-7, Adult Resident;"
- p) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-8, Child Resident;"
- q) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-8, Adult Resident;"
- r) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-9, Child Resident;"
- s) an undated table entitled, "Risks By

Chemical, Westinghouse Sharon RES-9, Adult Resident;"

- t) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-10, Child Resident;"
- u) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-10, Adult Resident;"
- v) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-11, Child Resident;"
- w) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-11, Adult Resident;"
- x) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-12, Child Resident;"
- y) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-12, Adult Resident;"
- z) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-13, Child Resident;"
- aa) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-13, Adult Resident;"
- bb) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-14, Child Resident;"
- cc) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-14, Adult Resident;"
- dd) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-15,16, Child Resident;"

- ee) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-15,16, Adult Resident;"
- ff) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-17, Child Resident;"
- gg) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-17, Adult Resident;"
- hh) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-18, Child Resident;"
- ii) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-18, Adult Resident;"
- jj) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-19, Child Resident;"
- kk) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-19, Adult Resident;"
- ll) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-20, Child Resident;"
- mm) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-20, Adult Resident;"
- nn) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-21, Child Resident;"
- oo) an undated table entitled, "Risks By Chemical, Westinghouse Sharon RES-21, Adult Resident;"
- pp) an undated table entitled, "Risks By

Chemical, Westinghouse Sharon RES-22,23,
Child Resident;"

qq) an undated table entitled, "Risks By
Chemical, Westinghouse Sharon RES-22,23,
Adult Resident;"

rr) an undated table entitled, "Risks By
Chemical, Westinghouse Sharon RES-24, Child
Resident;"

ss) an undated table entitled, "Risks By
Chemical, Westinghouse Sharon RES-24, Adult
Resident;"

tt) an undated table entitled, "Risks By
Chemical, Westinghouse Sharon RES-25, Child
Resident;"

uu) an undated table entitled, "Risks By
Chemical, Westinghouse Sharon RES-25, Adult
Resident;"

vv) an undated table entitled, "Risks By
Chemical, Westinghouse Sharon RES-26, Child
Resident;"

ww) an undated table entitled, "Risks By
Chemical, Westinghouse Sharon RES-26, Adult
Resident;"

xx) an undated table entitled, "Risks By
Chemical, Westinghouse Sharon RES-27, Child
Resident;"

yy) an undated table entitled, "Risks By
Chemical, Westinghouse Sharon RES-27, Adult
Resident;"

zz) 7 figures graphing blood level
concentration vs. probability percent.

124. Memorandum to Mr. Vic Janosik, U.S. EPA, from
Mr. William McKenty, U.S. EPA, re: Comments
regarding Appendix B of the Baseline Human
Health Risk Assessment entitled, "Hydrologic and

Chemical Transport Summary," (undated). P.
305345-305345.

125. Letter to Mr. Gordon Taylor, CBS Corporation,
from Mr. Charles Tordella, PADEP, re: Comments
on a document entitled, "Revised Feasibility
Study Schedule - Supplemental
Sampling/Analysis," 6/7/99. P. 305346-305346.

126. Letter to Mr. Charles Tordella, PADEP, from Mr.
Bryan Maurer, Cummings Riter Consultants, Inc.,
re: Notification of the schedule for upcoming
ground water sampling at the Westinghouse Site,
6/14/99. P. 305347-305348.

127. Letter to Mr. Patrick Gaughan, U.S. EPA, from
Mr. Patrick O'Hara, Cumming Riter Consultants,
Inc., re: Comments on the proposed remedial
action plan (PRAP), 7/8/99. P. 305349-305361.
A July 2, 1999, letter to Mr. Patrick O'Hara,
Cummings Riter Consultants, Inc., from Ms.
Nadine Weinberg, ARCADIS Geraghty & Miller,
Inc., commenting on the proposed surface soil
cleanup levels and a July 2, 1999, letter to Mr.
Vic Janosik, U.S. EPA, from Mr. Patrick O'Hara,
Cummings Riter Consultants, Inc., commenting on
the proposed cleanup levels for PCB contaminated
soils located in roadway areas are attached.

128. Letter to Mr. Patrick Gaughan, U.S. EPA, from
Mr. Michael Chezick, U.S. Department of the
Interior, re: Comments on the PRAP, 7/8/99. P.
305362-305365.

129. Letter to Mr. Patrick Gaughan, U.S. EPA, from

- Mr. Daniel Szwed, ARMCO, Inc., re: Comments on the PRAP, 7/9/99. P. 305366-305367.
130. Memorandum to Site File from Mr. Vic Janosik, U.S. EPA, re: Documentation of a telephone conversation with Mr. Sam Messina, CBS Corporation, regarding the existence of a PCB storage tank in the "Y" building located at the Westinghouse Site, 7/12/99. P. 305368-305368.
131. Memorandum to Ms. Jennifer Hubbard, U.S. EPA, from Ms. Patricia Flores-Brown, U.S. EPA, re: Comments on the emission estimation and air modeling procedures used to estimate particulate matter concentrations due to truck traffic at the Westinghouse Site, 7/21/99. P. 305369-305370.
132. Letter to Mr. Vic Janosik, U.S. EPA, from Mr. Patrick O'Hara, Cummings Riter Consultants, Inc., re: Previous sampling and analysis results related to surface water runoff from the railroad area at the Westinghouse Site, 7/21/99. P. 305371-305372.
133. Letter to Mr. Vic Janosik, U.S. EPA, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., re: Comments on the detection of Aroclors in samples collected at the Westinghouse Site, 8/4/99. P. 305373-305373.
134. Memorandum to Mr. Vic Janosik, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, re: Comments on the proposal to increase the dirt roadway cleanup levels for PCBs at the Westinghouse Site, 8/4/99. P. 305374-305378.
135. Letter to Mr. Charles Tordella, PADEP, from Mr. Bryan Maurer, Cummings Riter Consultants, Inc., re: Notification that the soils within the contaminated area, which form the base for the aboveground storage tanks, may be impacted by PCBs, 10/19/99. P. 305379-305382. An October

- 14, 1999, letter to Mr. Bryan Maurer, Cummings Riter Consultants, Inc., from Ms. Penelope Morris, Antech Ltd., transmitting analytical results from October 5, 1999, water samples taken from the Westinghouse Site is attached.
136. Facsimile Transmittal Sheet to Mr. Vic Janosik, U.S. EPA, from Mr. Gordon Taylor, CBS Corporation, re: Transmittal of cost estimates comparing the treatment option for contaminated soil and the excavation/offsite disposal option, 11/9/99. P. 305383-305385. The cost estimates are attached.
137. Letter to Mr. Charles Tordella, PADEP, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of the final draft Record of Decision (ROD), 12/29/99. P. 305386-305386.
138. Letter to Mr. Michael Chezik, U.S. Department of the Interior, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of the final draft ROD, 12/29/99. P. 305387-305387.
139. Letter to Mr. Abraham Ferdas, U.S. EPA, from Mr. Stephen Beckman, PADEP, re: Comments on the ROD, 1/31/00. P. 305388-305389.
140. Record of Decision, Westinghouse Electric (Sharon) Site, Operable Unit One, 2/18/00. P. 305390-305443.
141. Memorandum to Mr. Vic Janosik, U.S. EPA, from Mr. William McKenty, U.S. EPA, re: Comments on Appendix B entitled, "Hydrologic and Chemical Transport Summary" from the Baseline Human Health Risk Assessment, (undated). P. 305444-305444.

IV. REMOVAL RESPONSE PROJECTS

1. Memorandum to Mr. Stanley Laskowski, U.S. EPA, from Mr. Dave Turner, U.S. EPA, re: Request for funds for a removal action at the site, 12/30/92. P.

400001-400015.

2. Memorandum to Mr. Donald Clay, U.S. EPA, from Mr. Stanley Laskowski, U.S. EPA, re: Approval of a funding request for a removal action at the site, 12/31/92. P. 400016-400031. The December 30, 1992, funding request memorandum is attached.
3. Letter to Mr. David Turner, U.S. EPA, from Mr. Charles Tordella, PADER, re: Summary of state ARARs pertaining to the proposed removal action at the site, 1/13/93. P. 400032-400033.
4. Letter to Mr. Abraham Ferdas, U.S. EPA, from Mr. Roger Wills, Jr., Westinghouse, re: Response to EPA letter dated June 30, 1993, and notification that Westinghouse continues to be willing to remove the floating oil at the site and is willing to negotiate the terms of an appropriate Consent Agreement for the performance of the work, 7/21/93. P. 400034-400034.
5. Report: Interim Action Source Control, Removal Response Action Pilot Study, Report of Findings, Former Westinghouse Transformer Manufacturing Facility, Sharon, Pennsylvania, prepared by Groundwater Technology, Inc., 2/21/95. P. 400035-400094.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL
CORRESPONDENCE/IMAGERY

1. National Priority List (NPL) pad write up, Westinghouse Electric Corp. (Sharon Plant), 6/95. P. 500001-500003. A December 3, 1996, transmittal memorandum to Mr. Mike Savage, HUD, from Mr. Peter Schaul, U.S. EPA, is attached.
2. Letter to Mr. Thomas Voltaggio, U.S. EPA, from Monsignor. (Msgr.) William Karg, Shenango Valley Initiative, re: Transmittal of a sample "petition" signed by residents of Shenango Valley regarding the Westinghouse Plant being out of operation, and invitation to a March 18, 1996, Board meeting, 3/6/96. P. 500004-500005. A December 8, 1996, letter to Ms. Carol Browner, U.S. EPA, from Shanango Valley Initiative, requesting that EPA meet with Westinghouse officials and the Shenango Valley Mayor regarding the status of the city and the empty Westinghouse facility, is attached.
3. U.S. EPA Fact Sheet, re: Site History, Westinghouse Sharon Superfund Site, Sharon, Pennsylvania, 12/96. P. 500006-500009.
4. Letter to Ms. Carol Browner, U.S. EPA, from the Honorable Arlen Specter, the Honorable Rick Santorum, and the Honorable Phil English, U.S. Congress, re: Invitation to tour the site and meet with local community leaders, 1/17/97. P. 500010-500010.
5. Letter to Mr. Peter DaSilva, Shenango Valley Initiative, from Mr. Victor Janosik, U.S. EPA, re: Transmittal of the Baseline Risk Assessment for Westinghouse Sharon Middle Sector Building, 2/7/97. P. 500011-500011.
6. Letter to the Reverend Monsignor William Karg, Shenango Valley Initiative, from Mr. Mark Gorman, PADEP, re: Response to community's concern over the pace of redevelopment of the Westinghouse facility and update on PADEP and EPA efforts to address the concerns, 2/13/97. P. 500012-500014. A January 20, 1997, letter to Mr. Tom Ridge, Pennsylvania

Governor, from Msgr. William Karg, Shenango Valley Initiative, concerning the renovation of the Westinghouse facility, is attached.

7. Memorandum to the Site File from Mr. Vic Janosik, U.S. EPA, re: List of site-related facts, prepared for a February 20, 1997, congressional briefing in Washington D.C., 2/19/97. P. 500015-500016.
8. Memorandum to the File from Mr. Vic Janosik, U.S. EPA, re: Summary of the February 20, 1997, congressional meeting, 2/21/97. P. 500017-500018. A February 20, 1997, "Westinghouse Sharon Meeting" attendance list is attached.
9. Letter to the Honorable Phil English, U.S. Congress, from Msgr. William Karg, Shenango Valley Initiative, re: Invitation to the April 8, 1997, Shenango Valley Initiative meeting, 3/25/97. P. 500019-500019.
10. Letter to Mr. Vic Janosik, U.S. EPA, from Msgr. William Karg, Shenango Valley Initiative, re: Thanks to EPA for attending the Shenango Valley Initiative meeting, 4/9/97. P. 500020-500020.
11. Letter to Mr. Charles Tordelle, PADEP, from Mr. Larry Reichard, Penn Northwest Development Corporation, re: Request for PADEP and EPA determination regarding the suitability of occupancy of the Westinghouse office facilities to be used for telemarketing/call center facilities, 8/19/97. P. 500021-500023. An undated figure entitled, "Westinghouse Electric Corporation, Building Legend" and a table entitled, "Summary Tabulation, Total Approximate Space, Main Plant," are attached.
12. Letter to Mr. Larry Reichard, Penn Northwest Development Corporation, from Mr. Charles Tordella, PADEP, re: Environmental status of office facilities at the site and notification that a determination of the "suitability of occupancy" can not be provided, 8/27/97. P. 500024-500025.
13. Letter to Mr. Chuck Tordella, PADEP, from Msgr.

William Karg, Shenango Valley Initiative, re:
Thanks to PADEP for the work being performed at the
site, 9/4/97. P. 500026-500026.

14. Letter to Msgr. William Karg, Shenango Valley Initiative, from Mr. Patrick Gaughan, U.S. EPA, re: Transmittal of the Baseline Characterization Report for the Interior Cleanup Pilot Program at the Former Westinghouse-Sharon Transformer Plant, Sharon, Pennsylvania, 11/20/97. P. 500027-500027.
15. Letter to Ms. Karen Spak, Shenango Valley Community Library, from Mr. Patrick Gaughan, U.S. EPA, re: Transmittal of the Baseline Characterization Report for the Interior Cleanup Pilot Program at the Former Westinghouse-Sharon Transformer Plant, Sharon, Pennsylvania, 11/20/97. P. 500028-500028.
16. Letter to Mayor Robert Price, Sharon Municipal Building, from Mr. Patrick Gaughan, U.S. EPA, re: Transmittal of the Baseline Characterization Report for the Interior Cleanup Pilot Program at the Former Westinghouse-Sharon Transformer Plant, Sharon, Pennsylvania, 11/20/97. P. 500029-500029.
17. Memorandum to Mr. Vic Janosik, U.S. EPA, from Mr. Patrick Gaughan, U.S. EPA, re: Notification that copies of the Baseline Characterization Report were delivered to community repositories, 11/24/97. P. 500030-500030.
18. Letter to Mr. Patrick Gaughan, U.S. EPA, from Msgr. William Karg, Shenango Valley Initiative, re: Notification that the Baseline Characterization Report was received, 11/25/97. P. 500031-500031.
19. Memorandum to Mr. Vic Janosik, U.S. EPA, from Mr. Patrick Gaughan, U.S. EPA, re: Notification that Mr. Gaughan will be in Sharon, Pennsylvania to work on the Community Relations Plan update, 1/15/98. P. 500032-500032.

20. Letter to Mr. Michael McCabe, Mr. Abraham Ferdas, and Mr. Thomas Voltaggio, U.S. EPA, from the Reverend Wilbert Hadden, Shenango Valley Initiative, re: Invitation to a September 20, 1998, community convention, 8/12/98. P. 500033-500033.
21. Letter to the Reverend Wilbert Hadden, Shenango Valley Initiative, from Mr. Patrick Gaughan, U.S. EPA, re: Notification that EPA will not be able to attend the September 20, 1998, community convention, and summary of current site conditions and activity, 9/1/98. P. 500034-500035.
22. Public Notice, re: English Announces Final Clean-Up Agreement for Westinghouse Plant, 11/2/98. P. 500036-500038.
23. Summary entitled, "Westinghouse Sharon Site, Sharon, PA," re: Summary of work completed at the site and work planned for the site, prepared by Mr. Vic Janosik, U.S. EPA, 2/18/99. P. 500039-500039.
24. Report: Community Relation Plan, Westinghouse Sharon Superfund Site, (no author cited), 3/99. P. 500040-500082.
25. U.S. EPA Fact Sheet, re: Westinghouse-Sharon Superfund Site, City of Sharon, Mercer County, PA, 6/99. P. 500083-500086.
26. Letter to Ms. Karen Spak, Shenango Valley Community Library, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of the PRAP to the public repository for the Westinghouse Site Administrative Record File, 6/7/99. P. 500087-500087.
27. Letter to Mr. Charles Tordella, PADEP, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/7/99. P. 500088-500088.

28. Letter to Mr. John Holliday, Shenango Valley Industrial Development Corporation, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/7/99. P. 500089-500089.
29. Letter to Mr. Daniel Szwed, ARMCO, Inc., from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/7/99. P. 500090-500090.
30. Letter to Mr. Don Needler, American Industries, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/7/99. P. 500091-500091.
31. Letter to the Honorable Robert Price, Mayor, City of Sharon, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/7/99. P. 500092-500092.
32. Letter to Mr. Thomas Pendergast, Consolidated Rail Corporation, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/7/99. P. 500093-500093.
33. Letter to Mr. Al Dombrowski, Winner Steel Services, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/7/99. P. 500094-500094.
34. Letter to Mr. Peter Knight, U.S. EPA, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/7/99. P. 500095-500095.
35. Letter to Mr. Michael Chezik, U.S. Department of the Interior, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for

the public comment period, and notification of the date of a public meeting, 6/7/99. P. 500096-500096.

36. Letter to Mr. Gordon Taylor, CBS Corporation, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/7/99. P. 500097-500097.
37. Letter to Mr. William Byler, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/8/99. P. 500098-500098.
38. Letter to the Honorable Philip English, Member of Congress, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/8/99. P. 500099-500099.
39. Letter to Mr. Sam Messina, CBS Corporation, from Mr. Vic Janosik, U.S. EPA, re: Transmittal of PRAP, notification of the dates for the public comment period, and notification of the date of a public meeting, 6/8/99. P. 500100-500100.
40. U.S. EPA Public Notice, Westinghouse Electric (Sharon) Site, U.S. EPA Invites Public Comment on the Proposed Remedial Action Plan for the Westinghouse Electric (Sharon) Superfund Site, Sharon, Mercer County, PA," 6/11/99. P. 500101-500101.
41. Transcript of Proceedings, Westinghouse Electric Superfund Site, re: Public comments on the PRAP 6/24/99. P. 500102-500186.

GUIDANCE DOCUMENTS

1. Office of Solid Waste and Emergency Response (OSWER) Directive 9360.3-12, re: Response actions at sites with contamination inside buildings, 8/12/93.
2. Report: Final Dioxin/Furan Report, Volume I, Report and Data Summary, prepared by IT Analytical Services, 1/20/94.
3. Letter to Superfund Program Staff, U.S. EPA, from Mr. Abraham Ferdas, U.S. EPA, re: Region 3 Superfund Data Validation Policy, 8/16/95.
4. Report: Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Audit Exposures to Lead in Soil, prepared by U.S. EPA, 12/96.
5. OSWER Directive 9200.4-26, re: Approach for addressing dioxin in soil at CERCLA and RCRA sites, 4/13/98.
6. Case Studies of PCB Toxicity in Aquatic Birds, (no author cited), (undated).
7. Memorandum to RCRA/CERCLA Senior Policy Managers and Regional Counsels, U.S. EPA, from Mr. Timothy Fields, U.S. EPA and Mr. Steven Herman, U.S. EPA,

re: Management of Remediation Waste Under RCRA,
10/14/98.